

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ALPHA-CADINOL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Achillea millefolium	Leaf	1.0	15.0	0.03356316627597684	--
Acinos alpinus	Shoot		2.5	-0.44432325562615416	Velasco-Negueruela, A., Perez-Alonso, M.J., Jimenez, S.M. and Garcia, F.M. 1993. The Volatile Constituents of Acinus alpinus (L.) Moench ssp. meridionalis (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Acinos alpinus	Shoot		1.5	-0.46093519580949777	Velasco-Negueruela, A., Perez-Alonso, M.J., Jimenez, S.M. and Garcia, F.M. 1993. The Volatile Constituents of Acinus alpinus (L.) Moench ssp. meridionalis (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Agastache rugosa	Shoot				Jim Duke's personal files.
Aloysia citrodora	Plant	2.0	14.0	-0.7144933419706144	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Artemisia annua	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
Artemisia vulgaris	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Bidens pilosa	Leaf Essent. Oil		110000.0	1.0	Jim Duke's personal files.
Callicarpa americana	Leaf		25.0	0.8666914071690167	--
Chrysanthemum x morifolium	Plant	18.0	70.0	0.7812684206594567	Wealth of India.
Cleonia lusitanica	Leaf	1.0	1.0	-1.1328163709742791	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of Cleonia lusitanica. J. Ess. Oil Res., 3: 441-442.
Ferula gummosa	Plant				--
Glechoma hederacea	Plant	1.0	6.0	-0.9281735937749103	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Humulus lupulus</i>	Fruit		15.0		--
<i>Hyptis suaveolens</i>	Plant		125.0	2.2503201518139906	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
<i>Juniperus communis</i>	Fruit				--
<i>Lavandula latifolia</i>	Plant	1.0	21.0	-0.5275231216418556	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Leonotis leonurus</i>	Se		4.0		Pedro, L.G., Barroso, J.G., Marques, N.T., Ascensao, L., Pais, M.S.S. and Scheffer, J.J.C. 1991. Composition of the Essential Oil from Sepals of <i>Leonotis leonurus</i> R. Br. J. Ess. Oil Res. 3: 451-3
<i>Melissa officinalis</i>	Shoot	1.0	120.0	1.5075797159167184	Deutsche Apot. Ztit. 129(4):155-163. W. Schulze et al. Die Melisse.
<i>Mentha longifolia</i>	Shoot	34.0	250.0	3.6671319397513846	Planta Medica, 57: A83, 1991.
<i>Origanum vulgare</i>	Plant		50.0	0.24706779114871708	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
<i>Origanum vulgare</i>	Plant		20.0	-0.5542331531173925	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
<i>Origanum vulgare</i>	Plant		20.0	-0.5542331531173925	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
<i>Petroselinum crispum</i>	Leaf		0.18	-1.2011328867275084	--
<i>Pimenta racemosa</i>	Leaf	0.0	36.0	1.7831324721513606	--
<i>Pinus sylvestris</i>	Leaf Essent. Oil		19000.0	-1.0	--
<i>Pinus sylvestris</i>	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Salvia officinalis</i>	Leaf Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Sideritis pauli</i>	Shoot		32.0	0.045728979782481985	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992.
<i>Stevia rebaudiana</i>	Flower		65.0		Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Stevia rebaudiana</i>	Leaf		17.0	0.20018881445458483	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Syzygium aromaticum</i>	Leaf	5.0	8.0	-0.5496266023491511	Charalambous, G. (Ed.). 1994. Spices, Herbs and Edible Fungi. Elsevier Science B. V. Amsterdam. 764 pp.
<i>Tagetes lucida</i>	Shoot				Bicchi, C., Fresia, M., Rubiolo, P., Monti, D., Franz, C., Goehler, I. 1997. Constituents of <i>Tagetes lucida</i> Cav. ssp. <i>lucida</i> essential oil. Flavor & Fragrance, 12(1): 47-52.
<i>Teucrium gnaphalodes</i>	Shoot		2.5	-0.44432325562615416	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. J. Ess. Oil Res. 5: 397-402.
<i>Teucrium asiaticum</i>	Shoot		0.34	-0.48020504642217626	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
<i>Teucrium polium</i>	Shoot		1.5	-0.46093519580949777	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. J. Ess. Oil Res. 5: 397-402.
<i>Teucrium arduini</i>	Shoot		14.0	-0.2532859435177027	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of <i>Teucrium arduini</i> L. J. Ess. Oil Res. 4: 223-225.
<i>Teucrium salviastrum</i>	Shoot		0.82	-0.4722313151341714	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Teucrium oxylepis	Shoot		12.84	-0.27255579413038145	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Teucrium arduini	Shoot		14.0	-0.2532859435177027	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of Teucrium arduini L. J. Ess. Oil Res. 4: 223-225.
Teucrium pseudoscorodonia	Shoot		0.66	-0.47488922556350643	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Teucrium scorodonia	Shoot		0.92	-0.470570121115837	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Teucrium oxylepis	Shoot		8.77	-0.34016639067658977	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Thymus riatarum	Shoot		0.1	-0.48419191206617873	Iglesias, J., Vila, R., Canigual, S., Bellakdhar, and Il Drissi, A. 1991. Analysis of the Essential Oil of Thymus riatarum. J. Ess. Oil Res. 3: 43-4.
Thymus funkii	Shoot		32.0	0.045728979782481985	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of Thymus funkii Cousson. Flav. & Fragr. J. 10(6): 379-383.
Thymus funkii	Shoot		32.0	0.045728979782481985	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of Thymus funkii Cousson. Flav. & Fragr. J. 10(6): 379-383.
Zingiber officinale	Rhizome Essent. Oil				--
Zingiber officinale	Rhizome				--